**SUPPLEMENTARY FILES: TEXT DESCRIPTION**

Four supplementary files accompany this revision (R2): three figures and one table.

**Supplementary Fig. S1** 2012 land-cover classification map (overall map accuracy of 84%) of the Kruger to Canyons Biosphere Reserve (K2C), matching the land-cover classes of previous 1993 and 2006 maps. Figure inset includes the relative percentage contribution of original thirteen classification classes (prior to focus on consolidated ‘priority classes’) to landscape extent in 2012.

**Supplementary Fig. S2** Human population sizes of Bushbuckridge, Maruleng and Ba-Phalabora Municipalities within the the Kruger to Canyons Biosphere Reserve (K2C), extrapolated to 2018 and 2024. Percentage value indicates population growth rate (PGR), with extrapolations based on i) PGR: 2001–2011 census period (hollow place-markers) and ii) PGR: 2007-2011 census period (filled place-markers). Both are included right of the vertical, with the national census data-based PGR (i) the lower value.

**Supplementary Table S1** Intensity Analysis (Aldwaik & Pontius 2012) notations and equations for interval and category level intensities. Notation and equations follow Aldwaik and Pontius (2012), and are further described in Huang *et al.* (2012). Software to facilitate the Intensity Analysis calculations is freely available from <https://sites.google.com/site/intensityanalysis> (Aldwaik & Pontius 2012).

**Supplementary Fig. S3** Intensity of change across the Kruger to Canyons Biosphere Reserve (K2C) based on a hypothetical 11.5% further loss of Intact Vegetation over a 6 year period.Calculation note: The additional loss percentage (beyond the linear extrapolated rate) was assigned in the same proportions as in the original transition matrix between 2006 and 2018.